



# DTK-MRJ Series

## *RJ11, RJ14 and RJ45 Surge Protection General Product Specifications*

DITEK's MRJ series protects vital data lines and computerized systems from surge-induced damage. Convenient RJ connections protect one, two or four voice/data/signal pairs, depending on model.

MRJ series protectors are easily installed at a building's incoming entry, at the equipment being protected, or any point between them. The MRJ series is perfect to protect incoming CO lines, station lines, low voltage data, and building-to-building runs.



DTK-MRJ14SCPRUV

### DTK-MRJ11 DTK-MRJ14 DTK-MRJ45

#### Product Features

- RJ11, RJ14 or RJ45 connectors available
- Protect 1 (RJ11), 2 (RJ14) or 4 (RJ45) pairs
- Multi-stage, hybrid design provides the best possible protection
- Current-limiting circuitry minimizes risk to connected equipment
- Suitable for use on 5V – 130V circuits

#### Selection Guide

DTK- MRJ##SCP###



**Connector Type:** RJ11, 14 or 45

**Voltage Level:** D, X, LV, OPX, SPK, SGR, RUV  
(see table to right for voltage ranges)

**Example:** DTK-MRJ11SCPOPX

**Example:** DTK-MRJ45SCPD

**Note:** The DTK-MRJ14 is available only for 130V circuits, model DTK-MRJ14SCPRUV

#### Specifications

**Agency Approvals:** UL497B, UL497A

**Connection Method:** RJ11, RJ14, RJ45

**Max Continuous Current:** 0.15 Amps

**Max Surge Current:** 2,000 Amps per pair (6V-50V)  
9,000 Amps per pair (75V-130V)

**Protection Modes:** Tip-Ground, Ring-Ground (All)

**Operating Temperature:** -40°F - 158°F (-40°C - 70°C)

**Maximum Humidity:** 95% non-condensing

**Dimensions:** 3.1"H x 2.7"W x 1.2"D (79 x 69 x 30mm)

**Weight:** 7oz (199g)

**Housing:** ABS

**Warranty:** Ten Year Limited Warranty

Model DTK- MRJSCP###	Service Voltage	MCOV	Clamp Voltage
D	0-6 V	8VDC	12V
X	14 V	18VDC	22V
LV	30 V	38VDC	47V
OPX	50 V	66VDC	82V
SPK	75 V	102VDC	120V
SGR	95 V	127VDC	150V
RUV	130 V	175VDC	204V

